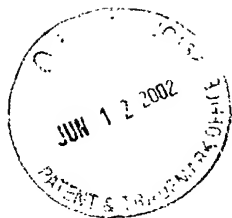


PATENT
File No. B-1482-CIP2



COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name,

I believe I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled A CATALYST AND METHOD OF STEAM REFORMING, the specification of which

☐ is attached hereto.

☒ was filed on Feb. 13, 2002 as
Application Serial No. 10/076,881

☐ and was amended on _____
(if applicable)

☐ with amendments through _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such applications have been filed

☐ such applications have been filed as follows

Prior Foreign Application(s)

Priority
Claimed

NONE

			<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/788,293</u>	<u>Feb. 16, 2001</u>	<u>Pending</u>
<u>09/930,040</u>	<u>Aug. 14, 2001</u>	<u>Pending</u>
<u>09/375,614</u>	<u>Aug. 17, 1999</u>	<u>Pending</u>
<u>09/640,903</u>	<u>Aug. 16, 2000</u>	<u>Pending</u>
(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

Stephen R. May, Registration No. 29,255
Frank S. Rosenberg, Registration No. 37,068
Todd J. Harrington, Registration No. 50,137

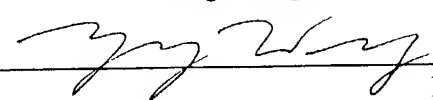
Address all correspondence to:

Frank S. Rosenberg
18 Echo Hill Lane
Moraga, CA 94556

Direct all phone calls to him at (925) 376-8416

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor Yong Wang

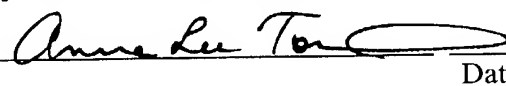
Inventor's signature  5/22/02
Date

Residence 2884 Troon Court, Richland, WA 99352

Citizenship United States of America

Post Office address Same as above

Full name of second joint inventor Anna Lee Tonkovich

Inventor's signature  5/13/02
Date

Residence 11875 Rausch Road, Marysville, OH 43040

Citizenship United States of America

Post Office address Same as above

Full name of third joint inventor David P. Vanderwiel

Inventor's signature  5/13/02
Date

Residence 1860, Ashland Avenue, Columbus, OH 43212

Citizenship United States of America

Post Office address Same as above

PATENT
File No. B-1482-CIP2

ASSIGNMENT

Yong Wang
Anna Lee Tonkovich
David Vanderwiel

to

Battelle Memorial Institute

WHEREAS we, Yong Wang, of Richland, in the County of Benton, and State of Washington; Anna Lee Tonkovich, of Marysville, in the County of Union, and State of Ohio; and David Vanderwiel, of Columbus, in the County of Franklin, and State of Ohio, have made certain inventions in A CATALYST AND METHOD OF STEAM REFORMING, described and claimed in Application Serial Number 10/076,881, filed February 13, 2002; and

WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland, Washington, is desirous of acquiring an interest in the said invention and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the said Battelle Memorial Institute, the entire right, title, and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to the said application; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Battelle Memorial Institute, as the assignee of our entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

And we further covenant and agree that we will, at the request and expense of the said Battelle Memorial Institute, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions, of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Battelle Memorial Institute.

And we further assign unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said Battelle Memorial Institute, the assignee herein, as well as all other necessary papers.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal
at Richland, Washington, this 22nd day of May, 2002.


Yong Wang

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal
at Plain City, Ohio, this 13 day of May, 2002.


Anna Lee Tonkovich

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal
at Plain City, Ohio, this 13 day of May, 2002.



David Vanderwiel